H20 企国第 0119 号
平成 20 年 11 月 27 日

規 格 会 議
委 員 各 位

社団法人電波産業会
規格会議委員長　永 井 研 二

第 72 回規格会議の開催について

標記について、下記のとおり開催しますので、ご出席下さい。
なお、記の 4 に掲げる事前送付資料を送付しますので、同資料についてご意見のある場合は、平成 20 年 12 月 5 日(金)までに郵送、FAX 又は E-mail により連絡先の担当までご連絡下さい。
おって、事前送付資料は第 72 回規格会議にご出席の際に、ご持参下さい。

記

1　日　時　平成 20 年 12 月 12 日(金)　午後 2 時から 4 時まで
2　場　所　東海大学校友会館　望星の間（霞が関ビル 33 階）(添付の案内図参照)
　　東京都千代田区霞が関 3-2-5

3　議　案
(1) IMT-2000 DS-CDMA and TDD-CDMA System 標準規格及び技術資料の改定について
(2) デジタル方式自動車電話システム標準規格の改定について
(3) 第二世代小電力データ通信システム/ワイヤレス LAN システム標準規格の改定について
(4) 狭域通信（DSRC）システム標準規格の改定について
(5) CDMA Cellular System 標準規格の廃止について
(6) デジタル放送用受信装置標準規格（望ましい仕様）の改定について
(7) 地上デジタルテレビジョン放送運用規定技術資料の改定について
(8) BS/広帯域 CS デジタル放送運用規定技術資料の改定について
(9) その他

4　事前送付資料

規格会 72-3　IMT-2000 DS-CDMA and TDD-CDMA System ARIB STANDARD
(ARIB STD-T63 Ver.7.10) (Draft) (DVD-R)

規格会 72-4　IMT-2000 DS-CDMA and TDD-CDMA System ARIB Technical Report
(ARIB TR-T12 Ver.7.10) (Draft) (DVD-R)

規格会 72-5　デジタル方式自動車電話システム標準規格
(RCR STD-27 M 版)(案) (CD)

規格会 72-6　第二世代小電力データ通信システム/ワイヤレス LAN システム標準規格
(ARIB STD-T66 3.3 版)(案) (CD)

規格会 72-7　狭域通信（DSRC）システム標準規格
(ARIB STD-T75 1.5 版)(案) (CD)

規格会 72-8　CDMA Cellular System 標準規格の廃止の概要

規格会 72-9　デジタル放送用受信装置標準規格（望ましい仕様）
(ARIB STD-B21 4.7 版)(案) (CD)

規格会 72-10　地上デジタルテレビジョン放送運用規定技術資料
(ARIB TR-B14 3.8 版)(案) (CD)

規格会 72-11　BS/広帯域 CS デジタル放送運用規定技術資料
(ARIB TR-B15 4.6 版)(案) (CD)

参考資料72-1　IMT-2000 DS-CDMA and TDD-CDMA System 標準規格及び技術資料の改定の概要

参考資料72-2　デジタル方式自動車電話システム標準規格の改定の概要

参考資料72-3　第二世代小電力データ通信システム/ワイヤレスLANシステム標準規格の改定の概要

参考資料72-4　狭域通信（DSRC）システム標準規格の改定の概要

参考資料72-5　デジタル放送用受信装置標準規格（望ましい仕様）の改定の概要

参考資料72-6　地上デジタルテレビジョン放送運用規定技術資料の改定の概要

参考資料72-7　BS/広帯域CSデジタル放送運用規定技術資料の改定の概要

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CDMA Cellular System 標準規格の廃止の概要

1　廃止の要旨

800MHz 帯での CDMA 携帯電話システムを規定した標準規格 ARIB STD-T53「CDMA Cellular System」は 1997 年に策定された。また、2000 年に 2GHz 帯の第三世代携帯電話である MC-CDMA システムを規定した標準規格 ARIB STD-T64「IMT-2000 MC-CDMA System」が策定された。

STD-T53 と STD-T64 の両規格では、制定開始時期の違いから一部差異はあるものの、3GPP2 仕様を両規格にトランスポーズしていたが、800MHz 帯の周波数再編に伴い、第 62 回規格会議で両規格をまとめ、新たな ARIB STD-T64 として統合した。

この際、STD-T53 に関しては、同規格の付録の開示協定を締結している製造業者等との協定を全て終了するまで存続することとしていたが、この度、全ての協定を終了したので、2008 年 12 月 12 日をもって ARIB STD-T53 規格及び第 53 作業班を廃止することとする。

2　ARIB STD-T53のIPRについて

ARIB STD-T53において宣言された必須の工業所有権（IPR）及びそれに関する改定履歴は、ARIB STD-T64に包含されている。

3　廃止する標準規格は以下の通りであり、以降、保存文書扱いとする。

CDMA Cellular System 標準規格（ARIB STD-T53)及びその付録

4　廃止される標準規格に係る以下の作業班を同時に廃止する。

第 53 作業班

以上

IMT-2000 DS-CDMA and TDD-CDMA System 標準規格及び技術資料の改定の概要

1　改定理由

平成 20 年 9 月開催の 3GPP TSG 第 41 回会合において、リリース 99、リリース 4、リリース 5、リリース 6、リリース 7 及びリリース 8 の仕様の追加又は修正が承認された。ARIB STD-T63/TR-T12 については、第 71 回規格会議(平成 20 年 9 月開催)において承認された Ver.7.00 に対して、これらの仕様の追加又は修正を反映することとし、ARIB STD-T63 Ver.7.10 及び TR-T12 Ver.7.10 への改定案を策定した。

2　改定内容(Ver.7.00 → Ver.7.10)

（ア） リリース 99

① STD-T63 について 追加: 0 [0]件、 修正: 0 [1]件

② TR-T12 について 追加: 0 [0]件、 修正: 0 [1]件

(イ)リリース 4

① STD-T63 について 追加: 0 [0]件、 修正: 2 [1]件

② TR-T12 について 追加: 0 [0]件、 修正: 0 [1]件

(ウ)リリース 5

① STD-T63 について 追加: 0 [0]件、 修正: 4 [1]件

② TR-T12 について 追加: 0 [0]件、 修正: 0 [1]件

(エ)リリース 6

① STD-T63 について 追加: 0 [0]件、 修正:14 [7]件

② TR-T12 について 追加: 0 [0]件、 修正: 0 [1]件

(オ)リリース 7

① STD-T63 について 追加: 2 [1]件、 修正:37 [40]件

② TR-T12 について 追加: 0 [1]件、 修正: 0 [3]件

(カ)リリース 8

① STD-T63 について 追加:10 [114]件、修正:61 件

② TR-T12 について 追加: 1 [16]件、 修正: 2 件

上記[ ]内は前回 Ver.7.00 への改定時の件数。

改定内容の詳細は、STD-T63 については、別紙 1 を参照。TR-T12 については、別紙 2 を参照。

3　改定のポイント

(ア) リリース8に追加された新規番号の技術資料

TR 36.942：Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) system scenarios

本技術資料はE-UTRAの運用環境を反映したシステムシナリオについて述べられている。併せて、物理層システムパラメータの決定において前提とされたデータがまとめられている。

(イ) その他

リリース7、リリース8を中心に、全般にわたる133件の仕様が修正されている。

その他リリース8において、High Speed Downlink Packet Access (HSDPA)の全体仕様を規定する下記資料に、Dual Cell HSDPA (FDD)通信手順の概略について規定が追加された。

TS 25.308：High Speed Downlink Packet Access (HSDPA); Overall description; Stage2

4　電波法関連規則に関する事項の確認について

今回の追加・修正について、電波法関連規則等との関係を調査した結果、問題ないことを確認した。

以上

(Annex 34)

3GPP ARIB Change history List of Standards Ver. 7.10 **12 December 2008**

1. Release 99

1.1. Added Standards

None

1.2. Revised Standards

None

2. Release 4

2.1. Added Standards

None

2.2. Revised Standards

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
ARIB STD-T63-25.102	4.11.0	4.10.0	R4	UE Radio transmission and reception (TDD)	RF requirements in later releases
ARIB STD-T63-25.307	4.12.0	4.11.0	R2	Requirements on UE supporting a release-independent frequency band	Introduction of UMTS Band e in 25.307

3. Release 5

3.1. Added Standards

None

3.2. Revised Standards

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
ARIB STD-T63-25.102	5.13.0	5.12.0	R4	UE Radio transmission and reception (TDD)	RF requirements in later releases
ARIB STD-T63-25.221	5.7.0	5.6.0	R1	Physical channels and mapping of transport channels onto physical channels (TDD)	Modification of the timing requirement between HS-SCCH and HSPDSCH for 1.28Mcps TDD
ARIB STD-T63-25.307	5.11.0	5.10.0	R2	Requirements on UE supporting a release-independent frequency band	Introduction of UMTS Band e in 25.307
ARIB STD-T63-25.321	5.14.0	5.13.0	R2	MAC protocol specification	HSDPA TBS Table correction for LCR TDD

4. Release 6

4.1. Added Standards

None

4.2. Revised Standards

Revised Standard Number	Version at ARIB STD-T63 Ver.7.00	Version at ARIB STD-T63 Ver.7.10	3GPPWG	Title	Change Summary
ARIB STD-T63-25.101	6.18.0	6.17.0	R4	UE Radio transmission and reception (FDD)	Correction to F-DPCH TPC error rate requirement is corrected. UTRA UE Power Class 3 bis is introduced which upper and lower boundary of the maximum output power is the same to the ones for Power Class 3.
ARIB STD-T63-25.102	6.11.0	6.10.0	R4	UE Radio transmission and reception (TDD)	RF requirements in later releases
ARIB STD-T63-25.133	6.23.0	6.22.0	R4	Requirements for support of radio resource management (FDD)	Correction of UTRAN to GSM resection Scenario 3, corrections to E-TFC restriction test configuration in A.6.6 are made.
ARIB STD-T63-25.221	6.6.0	6.5.0	R1	Physical channels and mapping of transport channels onto physical channels (TDD)	Modification of the timing requirement between HS-SCCH and HSPDSCH for 1.28Mcps TDD
ARIB STD-T63-25.307	6.8.0	6.7.0	R2	Requirements on UE supporting a release-independent frequency band	Introduction of UMTS Band e in 25.307
ARIB STD-T63-25.321	6.16.0	6.15.0	R2	MAC protocol specification	HSDPA TBS Table correction for LCR TDD
ARIB STD-T63-25.402	6.6.0	6.5.0	R3	Synchronisation in UTRAN Stage 2	Enable node synchronization is supported by the user plane protocols for HS-DSCH

Revised Standard Number	Version at ARIB STD-T63 Ver.7.00	Version at ARIB STD-T63 Ver.7.10	3GPPWG	Title	Change Summary
ARIB STD-T63-25.425	6.5.0	6.4.0	R3	UTRAN Iur interface user plane protocols for Common Transport Channel data streams	Enable node synchronization is supported by the user plane protocols for HS-DSCH
ARIB STD-T63-25.435	6.5.0	6.4.0	R3	UTRAN Iub interface user plane protocols for Common Transport Channel data streams	Enable node synchronization is supported by the user plane protocols for HS-DSCH
ARIB STD-T63-26. 346	6.12.0	6.11.0	S4	Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs	H.264 MIME/SDP reference correction, Correction to QoE reception reporting and Correction to the file repair response are done
ARIB STD-T63-31.102	6.21.0	6.20.0	C6	Characteristics of the USIM Application	- Authentication of GBA
ARIB STD-T63-31.103	6.13.0	6.12.1	C6	Characteristics of the ISIM Application	- Authentication of GBA
ARIB STD-T63-31.213	6.1.0	6.0.0	C6	Test specification for subscriber (U)SIM; Application Programming Interface (API) for Java Card™	- Correction and completion of JavaTM files in Annex D
ARIB STD-T63-34. 229-3	6.3.0	6.2.0	R5	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Part 3: Abstract test suite (ATS)	- IMS ATS / test case 9.1 / handling of authorization header in Register messages (RP-080615)

5. Release 7

5.1. Added Standards

Added Standard Number	Version at ARIB STD-T63 Ver.7.10		3GPP WG	Title	New Document Summary
ARIB STD-T63-22.495	7.0.0		S1	TISPAN;Services and Capabilities Requirements	Approval by SA#41
ARIB STD-T63-34.114	7.0.0		R5	User Equipment (UE) / Mobile Station (MS) Over The Air (OTA) antenna performance; Conformance testing	The present document describes test procedure for the radiated performances measurements of the 3G/2G user equipment/mobile stations (UE/MS) in active mode in both the up- and the downlink. The test procedure is based on 3GPP TR 25.914

5. 2. Revised Standards

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
ARIB STD-T63-22.101	7.11.0	7.10.0	S1	Service aspects; Service principles	Emergency Call Feature Interaction
ARIB STD-T63-23.203	7.8.0	7.7.0	S2	Policy and charging control architecture	• Remove text where PCRF interacts with AF for the purpose of requesting service information (step 6 in figure 7.4 and in step description). • A new step (14) is added into the GW(PCEF) initiated

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					IP-CAN Session Modification procedure. • Proposal to adds functionality for state change at a specific time and a new event trigger that, when armed in the PCEF by the PCRF, will cause the PCEF to request PCC rules from the PCRF within a certain time limit.
ARIB STD-T63-23.228	7.13.0	7.12.0	S2	IP Multimedia Subsystem(IMS); Stage 2	・ Reference to Rx, Ro and Rf removed from 4.13.3 References to NW_Only BCM in GPRS annex are removed.
ARIB STD-T63-25.101	7.13.0	7.12.0	R4	UE Radio transmission and reception (FDD)	With corresponding changes in V6.18.0, Cleanup of HSDPA requirement applicability and correction to MIMO CQI reporting bias tests are made.
ARIB STD-T63-25.102	7.12.0	7.11.0	R4 (TDD)	UE Radio transmission and reception (TDD)	RF requirements in later releases
ARIB STD-T63-25.105	7.10.0	7.9.0	R4	Base Station (BS) radio transmission and reception (TDD)	Modify the Fixed Reference Channels of E-DCH for LCR TDD
ARIB STD-T63-25.133	7.13.0	7.12.0	R4	Requirements for support of radio resource management (FDD)	With the corresponding changes in V6.23.0, modification of new cell identification time (intra-frequency) when UE DRX is enabled is made.
ARIB STD-T63-25.142	7.10.0	7.9.0	R4	Base station (BS) conformance testing (TDD)	

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
ARIB STD-T63-25.212	7.9.0	7.8.0	R1	Multiplexing and channel coding (FDD)	Correct the table name and the quoted name in 4.10.1A.1.
ARIB STD-T63-25.213	7.6.0	7.5.0	R1	Spreading and modulation (FDD)	Clarify that the highest E-DPDCH amplitude factors should only be used for SF2 in a 2xSF2+2xSF4 configuration when E-DPCCH boosting is applied.
ARIB STD-T63-25.221	7.8.0	7.7.0	R1 (TDD)	Physical channels and mapping of transport channels onto physical channels (TDD)	Modification of the timing requirement between HS-SCCH and HSPDSCH for 1.28Mcps TDD Correction on the time slot format for LCR TDD MBSFN
ARIB STD-T63-25.222	7.8.0	7.7.0	R1 (TDD)	Multiplexing and channel coding (TDD)	Clarification of E-UCCH Number indicator on E-AGCH for 1.28Mcps TDD Clarification on E-HICH coding for 1.28Mcps TDD
ARIB STD-T63-25.224	7.8.0	7.7.0	R1 (TDD)	Physical layer procedures (TDD)	HS-SCCH and HS-SICH power control clarification for 1.28Mcps TDD Correction of UpPCHPOS bit number in subclause 5.2.7
ARIB STD-T63-25.304	7.7.0	7.6.0	R2	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode	MBSFN Corrections
ARIB STD-T63-25.306	7.8.0	7.7.0	R2	UE Radio Access capabilities	Ki restriction for UE HS-DSCH categories 13 and 15
ARIB STD-T63-25.307	7.4.0	7.3.0	R2	Requirements on UE supporting a release-independent frequency band	Introduction of UMTS Band e in 25.307
ARIB STD-T63-25.308	7.8.0	7.7.0	R2	High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2	Editorial correction to HS-DSCH frame protocol header field
ARIB STD-T63-25.321	7.10.0	7.9.0	R2	MAC protocol specification	・ HSDPA TBS Table correction for LCR TDD ・ Ki restriction for FDD UE HS-DSCH categories 13 and 15

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					・ LCH-ID field structure and mapping to logical channel identity ・ MAC-es/e RESET for LCR TDD • Modification of TBS tables and E-TFC selection for LCR TDD • Triggers and transmission of Scheduling Information for LCR TDD • The number of reordering PDUs belonging to the same reordering queue • Clarifications and Corrections of HARQ process for TDD • Recommandation on RLC PDU size selection on E-DCH for TDD Editorial correction to MAC-ehs entity UTRAN Side
ARIB STD-T63-25.402	7.6.0	7.5.0	R3	Synchronisation in UTRAN Stage 2	Enable node synchronization is supported by the user plane protocols for HS-DSCH
ARIB STD-T63-25.423	7.10.0	7.9.0	R3	UTRAN Iur interface RNSAP signalling	DRX-DTX and F-DPCH Description of Priority Queue ID for Enhanced Cell_FACH Correction of SixtyfourQAM-DL-UsageIndicator Addition of 16QAM AG table choice IE Adding abnormal conditions to Continuous Packet Connectivity
ARIB STD-T63-25.425	7.8.0	7.7.0	R3	UTRAN Iur interface user plane protocols for Common Transport Channel data streams	Enable node synchronization is supported by the user plane protocols for HS-DSCH
ARIB STD-T63-25.433	7.10.0	7.9.0	R3	UTRAN Iub interface NBAP signalling	Extension of the ranges of the HS-DSCH / E-DCH Provided Bit Rate Value IEs COMMON TRANSPORT CHANNEL SETUP REQUEST TDD message ASN correction Correct ASN.1 compatibility problem in PHYSICAL SHARED CHANNEL RECONFIGURATION FAILURE

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					message for 1.28Mcps TDD Addition of 16QAM AG table choice IE Adding abnormal conditions to Continuous Packet Connectivity DRX-DTX and F-DPCH Description of Priority Queue ID for Enhanced Cell_FACH Removing the ambiguity in HS-DSCH Common System Information description Some minor description corrections for E-DCH in LCR TDD Add Additional Time Slot LCR IE in common measuement messages Correction of SixtyfourQAM-DL-UsageIndicator Correction on Enhanced Cell_FACH/Cell_PCH
ARIB STD-T63-25.435	7.9.0	7.8.0	R3	UTRAN Iub interface user plane protocols for Common Transport Channel data streams	Enable node synchronization is supported by the user plane protocols for HS-DSCH
ARIB STD-T63-26.114	7.6.0	7.5.0	S4	IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction	Introduction of SDP Capability Negotiation Clarifications on the usage of AVPF NACK and PLI, Transmission of H.264 parameter sets and Clarification of H.263 support in MTSI are added
ARIB STD-T63-26.234	7.6.0	7.5.0	S4	Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs	“Fast Content Switching" corrections is added
ARIB STD-T63-26.346	7.9.0	7.8.0	S4	Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs	H.264 MIME/SDP reference correction, Correction to QoE reception reporting and Correcting file repair response for file-group requests are carried out
ARIB STD-T63-31.102	7.13.0	7.12.0	C6	Characteristics of the USIM Application	- Authentication of GBA

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
ARIB STD-T63-31.103	7.4.0	7.3.0	C6	Characteristics of the ISIM Application	-Authentication of GBA
ARIB STD-T63-31.121	7.5.0	7.4.0	C6	UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification	- Essential correction of TC 8.4 applicability
ARIB STD-T63-31.124	7.5.0	7.4.0	C6	Mobile Equipment (ME) conformance test specification; Universal Subscriber Interface Module Application Toolkit (USAT) conformance test specification	- Essential correction of TC 27.22.4.12.1 Seq. 1.6 -Essential correction of test case applicability - Essential correction of TC 27.22.7.8.1
ARIB STD-T63-31.213	7.1.0	7.0.0	C6	Test specification for subscriber (U)SIM; Application Programming Interface (API) for Java Card™	- Correction and completion of JavaTM files in Annex D
ARIB STD-T63-34.109	7.3.0	7.2.0	R2	Terminal logical test interface; Special conformance testing functions	Enhancement of UE test loop mode 3 for testing reception of MBMS services operating in MBSFN mode
ARIB STD-T63-34.122	7.6.0	7.5.0	R5	Terminal conformance specification, Radio transmission and reception (TDD)	- New test cases for MBSFN and for UE Transmission Power Headroom were added. Corrections to existence test case
ARIB STD-T63-34.123-3	7.2.0	7.1.0	R5	User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)	- Addition of GCF WI-24/25/68 test cases Many corrections to existence test cases
ARIB STD-T63-34.229-1	7.3.0	7.2.0	R5	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP);	- New MTSI test cases were added. Existence MTSI test cases were updated.

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
				Part 1: Protocol conformance specification	
ARIB STD-T63-34.229-2	7.3.0	7.2.0	R5	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Part 2: Implementation Conformance Statement (ICS) specification	• Updated explicabilities for clause 12/16/17 test cases • Remove table for MTSI media change • Correct applicability for test case 14.2 • Applicability statements of new MTSI test cases Removal of reference to IMS test case 13.4
ARIB STD-T63-34.229-3	7.1.0	7.0.0	R5	Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Part 3: Abstract test suite (ATS)	• Addition of IMS-CC test cases. Implementation of IPCanCtl codes as a parallel test component

6. Release 8

6.1. Added Standards

Added Standard Number	Version at ARIB STD-T63 Ver.7.10		3GPP WG	Title	New Document Summary
ARIB STD-T63-23.041	8.0.0		C1	Technical Realization of Cell Broadcast Service (CBS)s	Additions to the protocol aspects of CBS for the realisation of ETWS Changes to CBS for the realisation of ETWS Changes to the radio message format aspect of CBS for the realisation of ETWS
ARIB STD-T63-25.425	8.0.0		R3	UTRAN Iur interface user plane protocols for Common Transport Channel data streams	The present document shall provide a description of the UTRAN RNS-RNS (Iur) interface user plane protocols for Common Transport Channel data streams as agreed within the TSG-RAN working group 3.
ARIB STD-T63-25.435	8.0.0		R3	UTRAN Iub interface user plane protocols for Common Transport Channel data streams	This document provides a description of the UTRAN RNC-Node B (Iub) interface user plane protocols for Common Transport Channel data streams as agreed within the TSG-RAN working group 3.
ARIB STD-T63-26.102	8.0.0		S4	Mandatory speech codec; Adaptive Multi-Rate (AMR) speech codec; Interface to Iu, Uu and Nb	Addition of CS over IP User Plane and Nb-framing for GSM_FR and GSM_HR are done
ARIB STD-T63-26.103	8.0.0		S4	Speech codec list for GSM and UMTS	Addition of CS over IP User Plane is done
ARIB STD-T63-26.114	8.0.0		S4	IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction	Improvements to MTSI 3G324M interworking is done
ARIB STD-T63-26.202	8.0.0		S4	Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB)	Description of CS over IP User Plane is addes

Added Standard Number	Version at ARIB STD-T63 Ver.7.10		3GPP WG	Title	New Document Summary
				speech codec; Interface to Iu, Uu and Nb	
ARIB STD-T63-26.234	8.0.0		S4	Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs	Description of using Entity-Tags to ensure SDP validity during Fast Content Switching and Informative Annex on PSS Nat traversal are added
ARIB STD-T63-26.346	8.0.0		S4	Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs	Enhancements of the QoE feature in MBMS, Registration procedure for MBMS User Service consumption and Transmitting a Full FDT snapshot are added
ARIB STD-T63-31.103	8.0.0		C6	Characteristics of the ISIM Application	-Introduction of support for IMS local breakout

6. 2. Revised Standards

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
ARIB STD-T63-22.153	8.2.0	8.1.0	S1	Multimedia priority service	Trusted domain support
ARIB STD-T63-22.182	8.3.0	8.2.0	S1	Customized Alerting Tones (CAT) Requirements; Stage 1	CAT service notification
ARIB STD-T63-22.278	8.6.1	8.5.0	S1	Service requirements for the Evolved Packet System (EPS)	CR to TS 22.278 ch 5 to align R8 stage 1 and stage 2 wrt service continuity CR to TS 22.278 ch 7.1.4.2 to align stage 1 and stage 2

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					wrt service continuity Access Network Discovery and Steering of Access CR to 22.278 on Update IP session control and local breakout requirements Requirement on support of CS Fallback - replaced by SP-080652 CR 42r3 "de-implemented" and CR 42r5 implemented, as approved during SA#41
ARIB STD-T63-23.038	8.2.0	8.1.0	C1	Alphabets and Language-specific information	Clarification of Locking / Single shift IE's for different languages in a single SM
ARIB STD-T63-23.040	8.3.0	8.2.0	C1	Technical realization of Short Message Service (SMS)	SMS 16 bit port addressing. Clarification of IANA's role Editorial corrections by MCC
ARIB STD-T63-23.203	8.3.1	8.2.0	S2	Policy and charging control architecture	• Remove text where PCRF interacts with AF for the purpose of requesting service information (step 6 in figure 7.4 and in step description). • A new step (14) is added into the GW(PCEF) initiated IP-CAN Session Modification procedure. • Proposal to add two PCC rule attributes for state change at a specific time and a new event trigger that, when armed in the PCEF by the PCRF, will cause the PCEF to request PCC rules from the PCRF within a certain time limit after a state change for a PCC rule. • Removal of NOTE in 4.1 • Clarification of Gxx aspects in 4.3.1 • Removal of four editor's notes in 5.1 and 6.2.1 • Removal of Annex B

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					• When credit re-authorization triggers are received that can not be monitored by the PCEF then the PCEF shall inform the PCRF of the requested triggers and await the acknowledgement before the credit authorization procedure may be considered to be completed. • When event triggers are provisioned to the BBERF then the BBERF shall report the associated parameter values in the response back to the PCRF. • When the PCRF receives the acknowledgement from the BBERF over Gxx it shall notify the PCEF that the requested event triggers have been installed and forward the associated parameters to the PCEF • Removal of redundant description in clause A.4.3.1.2 for those paragraphs already in clause 6.1.1.4 in the main body. • Removal of references to information flows in 23.401 in clause A.4.4 since the information is also available for GERAN and UTRAN access.. • Replace the indication that the requested bearer QoS is received in the IP-CAN session modification by an indication that any information that is modified and the event trigger is armed in the PCEF, the information is sent to the PCRF. • Similar changes are proposed for Annex A.5. • The definition of “Case 2b” defined in clause 7.1 is alligned with the common understanding that the Gateway Control Session is established prior to the IP-CAN Session. • The IP-CAN Session Establishement procedure is

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					updated with some text explaining the agreed behaviour for roaming scenarios. The figure is also updated to fix an editorial error. The first step in the procedure is also corrected. • Clarification is added to functional entities and reference points to include the IP CAN specific parameters that are required for maintaining information in the PCEF and PCRF when UE status information (relevant to an IP-CAN session) changes. • During IP-CAN Session establish, the P-GW provides the mobility tunnelling encapsulation header information to the PCRF, after that , the PCRF provides the mobility tunnelling encapsulation header information to the BBERF. • Clarify the PCRF procedures to indicate clearly under what condition NW-initiated bearer setup is used. • Deleted Annex I • clarify that the BBF is located at the PCEF when there is no BBERF; otherwise, the BBF is always located at the BBERF. Correct several errors in cross references. • Clarify that input for PCC decisions also includes information from the BBERF.
ARIB STD-T63-23.204	8.3.0	8.2.0	S2	Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access;	Iintroduces a mechanism in which the IP-SM-GW can subscribe to the HSS in order to be notified when the UE is

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
				Stage 2	detected as being reachable by the transport network, e.g. the MME. The IP-SM-GW triggers the short message alert procedure when it receives the notification from the HLR/HSS.
ARIB STD-T63-23.228	8.6.0	8.5.0	S2	IP Multimedia Subsystem(IMS); Stage 2	• Clarify that third party registration is performed toward the SCC AS. • Clarify that the SCC AS needs to include sufficient information for UE to properly correlate related sessions. • Adding cases to cover adding/removing PS media in PS sessions. • Generally clarify the text related to STI and STN. - Change 1: Add Rel-7 VCC migration into the scope of this specification. - Change 2: Add missing abbreviations. - Change 3: Add missing architectural requirements for inter non-3GPP access system session continuity. - Change 4: Correct mis-matched reference number and editorial change. - Change 5, 6, 7, 8, 11: Fix editorial errors. - Change 9: Correct Figure 6.3.2.1.2-1. - Change 10: Add missing sentence for Access Leg Update procedure and correct Figure 6.3.2.1.4-1. - Change 12: Fix wrong section numbers, Correct text for step 4,5,6, in subclause 6.3.2.1.8. - Change 13: Correct Figure 6.3.3.6-1. - Change 1: Add definition for “Local Operating

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					Environment” - Change 2: Text corrections related to consistency with the rest of the document - Change 3: Remove non-necessary word “and”. - Change 4: Text correction related to IMS SC UE functionality definition - Change 5: Some text corections as well as keeping of consistency with the rest of the document. • Ambiguous titles and text are modified to remove the ambiguity, and references are updated to reflect similar changes made to 23.292. • Add definitions for Source Access Leg and Target Access Leg. Organize the definitions in alphabetical order. • Align the terminology to use the terms Access Leg and Remote Leg correctly. • Replace STI-2 with STN and STI-1 with STI. The flow is changed to show the voice call being transferred first. Other editorial changes to the figure and the text. • Correction of call flow. Clarification on source access leg release and which steps are optional. Adding a note to clarify the limitations of the UE capable of SRVCC. Correction of references to 23.216. • In section 5.1 the inter-UE capability is removed from the definition of the IMS Service Continuity application. • Clarify thatUE needs to determine whether session transfer is restricted or not.

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					• Clarifying the scope. Replaces the term SCS with SCC, and corrects a number of references to other specification and clauses. Aligning the procedure in figure of clause 6.2.2.2 with other clauses (including STI). • Remove text related to CS video. • STI and STN definition correction. • The terms are replaced by alternative wording. • Describe the procedure of UE and SCC AS handling of remaining media. • Remove UE awareness of merge. • In section 5.3.1 about SCC AS functionalities, it is added that the SCC AS shall reject the session transfer request received at the SCC AS if the request is not aligned with the operator policy. • Many minor corrections are made to 4.2, 4.3.1.2.2, 4.3.3, 6.3.1.3, 6.3.2.2.1, 6.3.2.1.8, 6.3.2.1.10, 6.3.2.1.11, 6.3.3.2, 6.3.3.4, 8.1. • Clearly indicate in the subtitles what use case the information flow applies to for cases not using ICS capabilities and cases using Gm reference point. • Clarified the STI usage in the information flow to remove the conditions. • The scope has a bullted list various service continuity scenarios in the specification , however, media addition/deletion scenarios are captured in the scope while the specification does have clauses for such

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					scenarios • Removal of unused abbreviations, CSRN • Many terms and definitions and their usage is fixed in the CR namely: • Changed session continuity to service continuity • Missing reference to SCC AS • Added signaling splitting functionality • Added missing application requirements from architectural requirements. Add some clarifications to step 3 in section 6.3.2.1.4.
ARIB STD-T63-25.101	8.4.0	8.3.0	R4	UE Radio transmission and reception (FDD)	As corresponding changes in V7.13.0, Correction to F-DPCH TPC error rate requirement, introduction of UTRA UE Power Class 3bis are made. Corrections to MIMO CQI reporting bias tests, CQI reporting test for single link with varying Ior/Ioc, Clarification of HSDPA performance requirement applicability and CQI reporting test in fading conditions for 64QAM+MIMO are made.
ARIB STD-T63-25.104	8.4.1	8.3.0	R4	Base Station (BS) radio transmission and reception (FDD)	Transmitter and receiver characteristics of 3G Home NodeB are introduced.
ARIB STD-T63-25.113	8.3.0	8.2.0	R4	Base station and Repeater electromagnetic compatibility (EMC)	EMC requirements for BS equipment divided into more than one cabinet are introduced.
ARIB STD-T63-25.133	8.4.0	8.3.0	R4	Requirements for support of radio resource management (FDD)	With the corresponding changes made in V.7.13.0, correction on requirements for UTRA to E-UTRA mobility, introduction of requirements for UTRA to E-UTRA mobility, correction to RRC re-establishment requirements, and introduction of Performance requirements for mobility for Enhanced Uplink for CELL_FACH state and Enhanced UE

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					DRX are made.
ARIB STD-T63-25.141	8.4.0	8.3.0	R4	Base Station (BS) conformance testing (FDD)	Corrections on the section on BS using antenna array are made.
ARIB STD-T63-25.211	8.2.0	8.1.0	R1	Physical channels and mapping of transport channels onto physical channels (FDD)	Introduce the Enhanced Uplink for CELL_FACH state (modify AICH, and define UL/DL timing relation for the Enhanced Uplink in CELL_FACH state and IDLE mode, 7.3A).
ARIB STD-T63-25.212	8.3.0	8.2.0	R1	Multiplexing and channel coding (FDD)	Introduce UE reception of HS-SCCH orders from one non-serving cell for HS-PDSCH serving cell change enhancement. Correct the table name and the quoted name in 4.10.1A.1.
ARIB STD-T63-25.213	8.2.0	8.1.0	R1	Spreading and modulation (FDD)	Clarify that the highest E-DPDCH amplitude factors should only be used for SF2 in a 2xSF2+2xSF4 configuration when E-DPCCH boosting is applied.
ARIB STD-T63-25.214	8.3.0	8.2.0	R1	Physical layer procedures (FDD)	Introduce the Enhanced Uplink for CELL_FACH state (define a new synchronisation procedure, 4.3.2.3A, and a new physical random access procedure, 6.1A). Introduce UE reception of HS-SCCH orders from one non-serving cell for HS-PDSCH serving cell change enhancement.
ARIB STD-T63-25.215	8.2.0	8.1.0	R1	Physical layer; Measurements (FDD)	Define UE transmission power headroom measurement to be applicable in the CELL_FACH state. Remove RSSI and modify RSRQ definition. Modify RSRP definition.
ARIB STD-T63-25.301	8.3.0	8.2.0	R2	Radio Interface Protocol Architecture	Clarification of the CS Counter handling
ARIB STD-T63-25.302	8.1.0	8.0.0	R2	Services provided by the physical layer	Introduction of Enhanced Uplink in CELL_FACH in 25.302
ARIB STD-T63-25.304	8.3.0	8.2.0	R2	UE Procedures in Idle Mode and Procedures	・ MBSFN Corrections ・ Correction and Clarification in HCS Reselection

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
				for Cell Reselection in Connected Mode	・ E-UTRA Introduction/Priority reselection method for inter-frequency and inter-RAT cells ・ Introduction of HS-DSCH DRX in CELL_FACH state Triggering of cell reselection in Cell_FACH
ARIB STD-T63-25.306	8.4.0	8.3.0	R2	UE Radio Access capabilities	・ Ki restriction for UE HS-DSCH categories 13 and 15 Introduction of E-UTRA support
ARIB STD-T63-25.307	8.2.0	8.1.0	R2	Requirements on UE supporting a release-independent frequency band	Introduction of UMTS Band e in 25.307
ARIB STD-T63-25.308	8.3.0	8.2.0	R2	High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2	・ Editorial correction to HS-DSCH frame protocol header field ・ Corrections to Enhanced UE DRX ・ Introduction of HS Serving cell change ・ Introduction of Dual Cell HSDPA operation Stage 2 updates for Enhanced DL in CELL_FACH state
ARIB STD-T63-25.319	8.3.0	8.2.0	R2	Enhanced uplink; Overall description; Stage 2	Some clarifications and closing of open issues left for Enhanced Uplink in CELL_FACH
ARIB STD-T63-25.321	8.3.0	8.2.0	R2	MAC protocol specification	・ HSDPA TBS Table correction for LCR TDD • Ki restriction for FDD UE HS-DSCH categories 13 and 15 • LCH-ID field structure and mapping to logical channel identity • MAC-es/e RESET for LCR TDD • Introduction of Enhanced Uplink in CELL_FACH state and Idle mode in 25.321 • TEBS definition update for MAC-i/is • Modification of TBS tables and E-TFC selection for LCR TDD • Triggers and transmission of Scheduling Information for LCR TDD

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					• Editorial correction to MAC-ehs entity UTRAN Side • Clarifications and Corrections of HARQ process for TDD • Recommandation on RLC PDU size selection on E-DCH for TDD The number of reordering PDUs belonging to the same reordering queue
ARIB STD-T63-25.401	8.1.0	8.0.0	R3	UTRAN Overall Description	The supplement of IPv4 encoding in NSAP structure Introduction of Enhanced Uplink in Cell_FACH
ARIB STD-T63-25.423	8.2.0	8.1.0	R3	UTRAN Iur interface RNSAP signalling	Introduction of flexible E-DCH MAC-d PDU size indicator DRX-DTX and F-DPCH Description of Priority Queue ID for Enhanced Cell_FACH Correction of SixtyfourQAM-DL-UsageIndicator Introduction of Enhanced Relocation Introduction of Enhanced Uplink in Cell_FACH Addition of 16QAM AG table choice IE Adding abnormal conditions to Continuous Packet Connectivity
ARIB STD-T63-25.433	8.2.0	8.1.0	R3	UTRAN Iub interface NBAP signalling	Extension of the ranges of the HS-DSCH / E-DCH Provided Bit Rate Value IEs COMMON TRANSPORT CHANNEL SETUP REQUEST TDD message ASN correction Correct ASN.1 compatibility problem in PHYSICAL SHARED CHANNEL RECONFIGURATION FAILURE message for 1.28Mcps TDD Addition of 16QAM AG table choice IE Adding abnormal conditions to Continuous Packet Connectivity DRX-DTX and F-DPCH Description of Priority Queue ID for Enhanced Cell_FACH

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					Removing the ambiguity in HS-DSCH Common System Information description Some minor description corrections for E-DCH in LCR TDD Correction of SixtyfourQAM-DL-UsageIndicator Add Additional Time Slot LCR IE in common measuement messages Introduction of Enhanced Uplink in Cell_FACH Introduction of Enhanced UE DRX Correction on Enhanced Cell_FACH/Cell_PCH
ARIB STD-T63-27.007	8.5.0	8.4.1	C1	AT command set for 3G User Equipment (UE)	
ARIB STD-T63-31.102	8.3.0	8.2.0	C6	Characteristics of the USIM Application	-Authentication of GBA - Introduction of ICE information in the UICC -Configuration of Network Connectivity parameters for UICC remote IP connections -Introduction of new access technologies for LTE
ARIB STD-T63-31.111	8.3.0	8.2.0	C6	USIM Application Toolkit (USAT)	- Introduction of a geographical location discovery mechanism in the USIM Toolkit - Correction of a missing closing parenthesis in 31.111 8.19.
ARIB STD-T63-33.107	8.5.0	8.4.0	S3	3G security; Lawful interception architecture and functions	Updates to TS 33.107 to support LI for EPSs

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ARIB STD-T63-33.141	8.1.0	8.0.0	S3	Presence service; Security	New normative Annex on GPRS-IMS-Bundled Authentication for Ut interface security Removing annex B of TS 33.141
ARIB STD-T63-33.203	8.4.0	8.3.0	S3	3G security; Access security for IP-based services	Resolution of Editor's note on 3GPP2 NDS requirement Removal of Editor's note in Annex P.4.2 Updates to stage 2 description of NASS-IMS bundled authentication Correction of description of HSS tasks New normative Annex on GPRS-IMS-Bundled Authentication (GIBA) Changes to TS 33.203 due to a new normative Annex on GIBA
ARIB STD-T63-33.210	8.1.0	8.0.0	S3	3G security; Network Domain Security (NDS); IP network layer security	Introduction of Network Domain Security support for 3GPP2 IMS
ARIB STD-T63-33.220	8.4.0	8.3.0	S3	Generic Authentication Architecture (GAA); Generic bootstrapping architecture	Zh and Zh' intra-operator domain reference points
ARIB STD-T63-33.223	8.1.0	8.0.0	S3	Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) Push function	CR 33.223: UE registration at Push NAF CR 33.223: GPI Protection
ARIB STD-T63-33.401	8.1.1	8.0.0	S3	3GPP System Architecture Evolution (SAE); Security architecture	KeNB forward security simplification IRAT related changes (merge of CRs 14,24,27) CR-33401: Security Context Selection on IRAT handover to E-UTRAN

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					KeNB derivation when activating cached security context and AS SMC clarifications (merge of CR0011 and CR0015) CR 33.401: Correction of text on security context and authentication data CR 33.401 :Ensuring security context freshness on handover from an SGSN towards MME CR-33401: NAS SMC handling clarifications CR: Algorithm selection cleanup CR: Editorial cleanup of TS 33.401 CR: Removal of editor's note related to key change on-thefly CR-33401: Replay UE capabilities in the NAS SMC Command message CR 33.401: Completing the specification on air interface ciphering and integrity algorithms inputs CS key derivation in SRVCC Note on SNID IP binding CR on KSI security context desynchronization NAS integrity tag term consistent Key freshness during mobility from E-UTRAN to UTRAN/GERAN Distribution of authentication data from HSS to serving network CR: Additional inputs to EPS Key Derivation Function

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					(KDF) Clarification on MSIN_IMEI confidentiality protected limitation NAS key re-keying EPS key hierarchy SAE: backhaul link management plane protection CR: Add requirement to have replay protection for NAS and RRC MCC editorial corrections
ARIB STD-T63-33.402	8.1.1	8.0.0	S3	3GPP System Architecture Evolution (SAE); Security aspects of non-3GPP accesses	Resolution of Ed notes on use of EAP-AKA in IKEv2 Resolution of the Ed Notes under clause 8.2.5, TS33.402 Resolution of 2nd And 3rd Editor's Notes in 8.2.2 Resolution of 1st Ed Note in Clause 6.1 TS33.402 MIPv4 Signalling protection between PDN-GW and FA correction of 33.402 Clarification of text on access network identities Clarification of use of AMF separation bit with EAP-AKA access authentication Clarification on handling of authentication vectors in the 3GPP AAA server Resolution of Ed notes on MIPv4 Root key generation update of S3-080756 Resolution of EditorÆs notes regarding parameter exchange in access authentication Removing the restriction on AKA for Trusted Access

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					Methods to avoid impersonation attacks on S2c Note on SNID IP binding CR on UE-ANDSF security CR on EAP AKA (relaxation scenario) MCC editorial corrections
ARIB STD-T63-34.108	8.4.0	8.3.0	R5	Common test environments for User Equipment (UE); Conformance testing	- New radio bearer combinations were added. - Addition of default configurations / messages. Many corrections.
ARIB STD-T63-34.121-1	8.4.0	8.3.0	R5	User Equipment (UE) conformance specification; Radio transmission and reception (FDD); Part 1:	- Addition the message exceptions Many corrections
ARIB STD-T63-34.121-2	8.4.0	8.3.0	R5	User Equipment (UE) conformance specification; Radio transmission and reception (FDD); Part 2: Implementation Conformance Statement (ICS)	• ICS for TC5.13.1AAA (EVM and IQ offset)(RP-080740) • Multi_RAT Capability condition removal (RP-080554)
ARIB STD-T63-34.123-1	8.4.0	8.3.0	R5	UE conformance specification;Part 1: Protocol conformance specification	• Many of the changes are corrections. New test cases related to LCR TDD, CS-HSPA, Enhanced CELL_FACH, ..etc. were added.
ARIB STD-T63-34.123-2	8.4.0	8.3.0	R5	UE conformance specification;Part 2: ICS proforma specification	Most of the changes are related to 34.123-1 changes.
ARIB STD-T63-36.211	8.4.0	8.3.0	R1	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation	Include frequency shifting of UE-specific RS (6.10.3.2). Introduce RRC parameters (5.3.4, 5.5.1.3, 5.5.1.4, 5.7.2). Clarifications and corrections;

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					• Slot number for frame structure type 2 (4.2) • Scrambling of ACK/NAK and Rank information in PUSCH (5.3.1) • PUSCH predefined hopping with one subband (5.3.4) • PUCCH configuration (5.4, 5.4.1, 5.4.2) • Demodulation reference signal (5.5.2.1.1, 5.5.2.2.2) • SRS mapping to physical resources (5.5.3.2) • PRACH configuration (5.7.1, 5.7.2, 5.7.3) • Numbering of virtual resource blocks (6.2.3.1, 6.2.3.2) • Resource-element group definition in the fourth OFDM symbol of the first slot for extended CP (6.2.4) • Number of antenna ports for PDSCH (6.4) • Number of OFDM symbols used for PDCCH (6.7) • PDCCH interleaver size (6.8.1, 6.8.2) • PHICH to RE mapping (6.9.3) • UE reception of synchronisation signals (6.11.1.2) UL-DL frame timing (8.1)
ARIB STD-T63-36.212	8.4.0	8.3.0	R1	Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding	Include DCI formats 1B, 1D, and 2A. Modify DCI format 1A to be used for broadcast control (5.3.3.1.3). Correct mapping of ACK/NAK to binary bit values (5.2.2.6, 5.2.3.1, 5.2.3.4, 5.3.5.1). Clarifications and corrections; • Rate matching for turbo coded transport channels (5.1.4.1.2) • Coding and multiplexing of multiple ACK/NAK in PUSCH (5.2.2.6, 5.2.2) • Channel coding of control information in PUSCH (5.2.2.6) • Channel interleaver for PUSCH (5.2.2.8) • Channel coding of control information in PUSCH

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					without UL-SCH data (5.2.4.1) • DCI formats 0, 1, 1A, 1C, 2, 2A, 3, and 3A (5.3.3.1) • Change "MAC ID" and "UE identity" to "RNTI" (5.3.3, 5.3.3.2) CRC attachment (5.3.3.2)
ARIB STD-T63-36.213	8.4.0	8.3.0	R1	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures	Include random access response grant procedure (6.2), DL power offset signalling for multi-user MIMO (7.1.5), mapping of differential CQI field to offset levels (7.2), UE specific SRS configurations (8.2), mapping of HARQ-ACK, RI, and CQI offset values (8.6.3), UL ACK/NAK mapping for TDD (10.1), and multi-bit ACK/NAK transmission in TDD (7.3, 10.1, 10.2). Introduce RRC parameters (5.1, 5.2, 7.2, 8.2, 10.1). Clarifications and corrections; • Transmission timing adjustment (4.2.4) • UL power control for PUSCH and PUCCH (5.1) • Bit mapping for DCI signalling (5.1.1.1, 5.1.2.1) • DL power allocation (5.2) • Random access procedure (6.1) • Open-loop spatial multiplexing (7.1.3) • DL resource allocation (7.1.6) • DL modulation order and TBS determination (7.1.7) • Aperiodic CQI/PMI/RI reporting using PUSCH (7.2.1) • Periodic CQI/PMI/RI reporting using PUCCH (7.2.2) • CQI definition (7.2.3) • UE sounding procedure (8.2) • PUSCH hopping type 1 (8.4.1) • UL modulation order, RV, and TBS determination (8.6) • PDCCH assignment procedure (9.1.1) • PHICH assignment procedure (9.1.2)

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
					Scheduling request transmission (10.1)
ARIB STD-T63-36.214	8.4.0	8.3.0	R1	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer - Measurements	Modify RSRP definition. Remove RSSI and modify RSRQ definition.
ARIB STD-T63-36.300	8.6.0	8.5.0	R2	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRAN); Overall description; Stage 2	・ Correction for Rename of L1/L2 control channel ・ CR to 36.300 on Paging Channel Description ・ Proposed updates to Stage 2 for CDMA2000 handover ・ CR to 36.300 on Semi-Persistent Scheduling ・ CR to 36.300 on System Information ・ Clarification of PDCCH description ・ Removal of DRX interval threshold in 36.300 ・ CR on Randon Access procedure ・ Transport of NAS messages by AS during Handover ・ CR to 36.300 capturing home eNB conclusions of RAN2 #63 Changes to TS36.300 agreed in RAN3#61
ARIB STD-T63-36.304	8.3.0	8.2.0	R2	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode	・ CR on Considerations on various open items in 36.304 ・ CSG related correction to 36.304 ・ Clarification of the medium mobility state criteria ・ Support for Manual CSG ID Selection ・ USIM less paging occasion calculation ・ Definition of Qoffset in cell reselection criteria ・ Correction to Discontinuous Reception for paging ・ Lifetime of dedicated cell reselection priorities Clarification on cell reselection parameters
ARIB STD-T63-36.321	8.3.0	8.2.0	R2	Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC)	・ Clarification on data available for transmission for BSR triggering ・ CR to 36.321 on failure indication after maximum

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
				protocol specification	number of HARQ transmissions ・ Clarifications and Corrections of DL and UL Data Transfer (SCH, RACH and SR) ・ CR to 36.321 on Buffer size levels for BSR ・ Clarifications on DRX ・ Clarification on UE behavior for DRX and configured measurement gaps ・ Correction to MAC Padding BSR ・ Correction to UE transmission power headroom report for LTE ・ Corrections on BSR ・ CR to 36.321 REL-8 on Format of UL grant in Message 2 ・ CR to 36.321 REL-8 on PUSCH PUCCH Power Control RNTIs ・ CR to 36.321 REL-8 on RACH uniform random backoff ・ E-UTRA MAC protocol specification update ・ TP for number of HARQ processes and MIMO ・ Update of MAC dedicated preamble expiry ・ Handling of Semi-Persistent grants and assignments ・ Corrections relating to RACH ・ UL Channel Prioritisation ・ Corrections relating to RACH partitioning ・ Correction on Random Access Response reception behaviour ・ Upper limit of logical channel id Clarifications and Corrections for HARQ operation at TAT expiry and RACH contention resolution
ARIB STD-T63-36.322	8.3.0	8.2.0	R2	Evolved Universal Terrestrial Radio Access	・ Clarification of polling ・ Corrections to formatting

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
				(E-UTRA); Radio Link Control (RLC) protocol specification	・ The value of ACK_SN for partial STATUS PDU ・ Error cases for RLC ・ RLC entity re-establishment ・ Miscellaneous corrections to RLC specification ・ Clarification of the reordering timer ・ Clarification of Triggering Conditions for Status Reports ・ RLC UMD PDU formats with LI ・ Correction on UM Receive Operation ・ Correction for TM RLC entity: 6.1.2.3 Removal of MBMS channels: 6.1.2.3
ARIB STD-T63-36.323	8.3.0	8.2.1	R2	Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification	・ Restructuring of PDCP specification ・ Miscellaneous PDCP corrections ・ Correction to the PDCP structure Initial TX_HFN and RX_HFN values
ARIB STD-T63-36.331	8.3.0	8.2.0	R2	Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification	CR on Miscellaneous corrections and clarifications
ARIB STD-T63-36.401	8.3.0	8.2.0	R3	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Architecture description	Uniqueness of eNB UE X2AP ID Completion of Cell and eNB identifiers Updating the Control Plane Protocol Stack Correction of the description of subscriber and equipment trace
ARIB STD-T63-36.412	8.3.0	8.2.0	R3	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 signalling transport	Correct the wording of common and dedicated procedures Enhancing the understandability of section 7 TS 36.412 Clarification of SCTP Congestion Indication over S1
ARIB STD-T63-36.413	8.3.0	8.2.0	R3	Evolved Universal Terrestrial Radio Access	changes to TS36.413 agreed in RAN3#61

Revised Standard Number	Version at ARIB STD-T63 Ver.7.10	Version at ARIB STD-T63 Ver.7.00	3GPP WG	Title	Change Summary
				(E-UTRA) ; S1 Application Protocol (S1AP)	
ARIB STD-T63-36.422	8.3.0	8.2.0	R3	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 signalling transport	Correct the wording of common and dedicated procedures SCTP restart function for X2 interface Clarification of SCTP Congestion Indication over X2
ARIB STD-T63-36.423	8.3.0	8.2.0	R3	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP)	changes to TS36.423 agreed in RAN3#61
ARIB STD-T63-36.424	8.3.0	8.2.0	R3	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 data transport	X2 transport bearers

(Annex 34)

3GPP ARIB Change history List of Technical Report Ver. 7.10 **12 December 2008**

1. Release 99

1.1. Added Technical Report

None

1.2. Revised Technical Report

None

2. Release 4

2.1. Added Technical Report

None

2.2. Revised technical Report

None

3. Release 5

3.1. Added Technical Report

None

3.2. Revised Technical Report

None

4. Release 6

4.1. Added Technical Report

None

4.2. Revised Technical Report

None

5. Release 7

5.1. Added Technical Report

None

5. 2. Revised Technical Report

None

6. Release 8

6.1. Added Technical Report

Added Technical Report Number	Version at ARIB TR-T12 Ver.7.10		3GPP WG	Title	New Document Summary
ARIB TR-T12-36.942	8.0.0		R4	Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) system scenarios	The document captures system scenarios reflecting the environment in which E-UTRA will be operated. Together with implementation issues, the system scenarios will be used to decide the physical parameters for E-UTRA standards.

6. 2. Revised Technical Report

Revised Technical Report Number	Version at ARIB TR-T12 Ver.7.10	Version at ARIB TR-T12 Ver.7.00	3GPP WG	Title	Change Summary
ARIB TR-T12-21.905	8.6.0	8.5.0	S1	Vocabulary for 3GPP Specifications	Add definitions and abbreviations related to Home NodeB and Home eNodeB
ARIB TR-T12-25.993	8.1.0	8.0.0	R2	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)	RAB combinations for CS voice over HSPA

参考資料７２－２

デジタル方式自動車電話システム 標準規格の改定の概要
（Ｌ版からＭ版への改定）

本標準規格 RCR STD-27 は、「デジタル方式自動車電話システムの無線区間インタフェース」について規定したものである。

現行のＬ版からM版への改定における主な変更内容は以下のとおりである。

(1) 当該規格第 1 版に対して IPR 確認書が 6 件提出されたため、追記する。

(2) Ｌ版からM版への改版に伴い、これまで「RCR STD-27 L 準拠」としていた Rev. 拡張ビットのコードを、「RCR STD-27 L/M 準拠」として再定義する。

(3) 別表１、別表２及び、5.1.4.4.9 章の式番号における、誤記を修正する。

改定内容の詳細は、別紙１を参照。

以上

参考資料７２－２

別紙１

デジタル方式自動車電話システム（RCR STD-27 M 版）における修正案

<table>
<tr><th>番　号</th><th>ページ</th><th>修正内容</th></tr>
<tr><td>はじめに</td><td>別表１</td><td>誤記訂正</td></tr>
<tr><td></td><td>別表２</td><td>誤記訂正</td></tr>
<tr><td></td><td>別表２</td><td>ＩＰＲ確認書が提出されたため、追記
<table>
<tr><th>特許出願人</th><th>発明の名称</th><th>出願番号等</th><th>備考</th></tr>
<tr><td>ノキア コーポレイション</td><td>移動通信システムのパケット交換データサービスのための位置更新方法</td><td>特許第 3974650 号</td><td>Patent Family: AU, BE, CH, CN, DE, EP, ES, FI, FR, GB, HK, IT, NL, SE, US, WO ※７</td></tr>
<tr><td>ノキア モービル フォーンズ リミテッド</td><td>デジタル式移動電話制御システム</td><td>特許第 2962632 号</td><td>Patent Family: GB, HK, MY ※７</td></tr>
<tr><td>ノキア コーポレイション</td><td>無線電話システム､及び無線電話ネットワーク内でのデータ送信方法､無線電話器並びに固定局</td><td>特許第 3842805 号</td><td>Patent Family: AT, CN, DE, EE, EP, ES, FI, FR, GB, IT, NL, SE, US ※７</td></tr>
<tr><td>ノキア コーポレイション、ノキア モービル フォーンズ リミテッド</td><td>移動通信システムにおいて移動ステーションのハンドオーバーを制御しそして送信電力を制御する方法</td><td>特許第 3831762 号</td><td>Patent Family: AT, AU, BE, CH, CN, DE, EP, FI, FR, GB, IT, NL, NO, SE, US, WO ※７</td></tr>
<tr><td>ノキア テレコミュニカシオンス オサケユキチュア、ノキア モービル フォーンズ リミテッド</td><td>ＴＤＭＡ移動テレコミュニケーションシステムにおける高速データ送信方法及び構成体</td><td>特許第 3529785 号</td><td>Patent Family: AT, AU, BE, CH, CN, DE, EP, ES, FI, FR, GB, IT, LU, NO, SE, US, WO ※７</td></tr>
<tr><td>ノキア コーポレイション</td><td>スピーチコーダ</td><td>特許第 3483891 号</td><td>Patent Family: AU, BR, CA, CH, CN, DE, EP, ES, FR, GB, IN, IT, RU, SE, US, WO ※７</td></tr>
</table>
※７： RCR STD–27 第１版に適用される。</td></tr>
</table>

4.3.5.3.3.3	299	(8) Rev.拡張（オクテット２） ビット　２　１　　Rev.拡張 ０　０　：　RCR STD-27K 準拠 ０　１　：　RCR STD-27L/M 準拠 その他　：　予約
4.3.6.3.3 .16	370	(8) Rev.拡張（オクテット２） ビット　２　１　　Rev.拡張 ０　０　：　RCR STD-27K 準拠 ０　１　：　RCR STD-27L/M 準拠 その他　：　予約
5.1.4.4.9	1000	訂正前：$S'_{scale}(n) = (.9875*S'_{scale}(n-1))+(.0125*S_{scale})$　(5.1.4.4.9-4) 訂正後：$S'_{scale}(n) = (.9875*S'_{scale}(n-1))+(.0125*S_{scale})$　(5.1.4.4.9-5)

参考資料７２－３

第二世代小電力データ通信システム／ワイヤレスＬＡＮシステム
標準規格の改定の概要

現行 ARIB STD-T66　3.2 版から 3.3 版への改定の概要及び主な変更内容は以下の通りです。

No.	改定の概要と主な変更内容
1	改定の概要 (1) まえがきの別表を修正
2	主な変更内容
(1) 関連	・ノキア・ジャパン株式会社から提出のあった必須の工業所有権の実施の権利に係る確認書に従い、該当特許の特許出願人及び特許の係る範囲を修正、一部工業所有権をリファレンスへ変更した。

(詳細は、規格会７２－６の改定履歴表を参照のこと)

参考資料７２－４

狭域通信（DSRC）システム標準規格の改定の概要

平成 20 年 12 月 12 日
規 格 会 議 事 務 局

1　改定（案）の概要

本標準規格は、路側に設置される基地局と車両に搭載される移動局との間で通信を行うための無線区間インタフェースを規定するために、狭域通信（DSRC）システム標準規格（ARIB STD-T75）として平成 13 年 9 月に策定された。

策定の際に提出された、必須の工業所有権の実施の権利に係る確認書の一部に、本標準規格への記載漏れがあったため、追加のための改定を行う。

2　改定内容

以下の確認書を追加する。

別表　（第二号選択）

特許出願人	発明の名称	出願番号等	備考
(株)日立国際電気	復調方法	特願 2000-289069	
	復調方法	特願 2000-288829	
	変調器及び復調器	特願 2001-194862	

3　改定後の版数について

本改定後、ARIB STD-T75　1.5 版とする。

デジタル放送用受信装置 標準規格（望ましい仕様）の改定の概要
（STD-B21 4.6 版から 4.7 版）

現行 ARIB STD-B21 4.6 版に対する、改定の概要及び主な変更点は以下のとおりです。

No.	改定の概要と主な変更内容
1	改定の概要
	IP インタフェース仕様を改定 (1)参照する DLNA ガイドラインバージョンの更新 （V1.0 から最新の expanded:October 2006 へ更新） (2)パーシャルトランスポートストリームに加え、MPEG-2 プログラムストリーム等のメディアフォーマットを追加
2	主な変更内容
(1)関連	9.2.1.2　プロトコルスタック ・DLNA Networked Device Interoperability Guidelines expanded: October 2006（以下 DLNA ガイドライン）Volume 1: Architectures and Protocols に変更 9.2.2.1　コンテンツの伝送プロトコル ・DLNA ガイドライン Volume 1 の 7.4 に変更 9.2.3　チューナ記述の仕様 ・DLNA ガイドライン Volume 1 に変更 9.2.4　コンテンツの選択制御 ・DLNA ガイドライン Volume 1 に変更 付属-2　高速デジタルインタフェース ・DLNA Networked Device Interoperability Guidelines expanded: October 2006（以下 DLNA ガイドライン）に変更
(2)関連	9.2.2.2　パケットフォーマット ・プログラムストリームなどのパーシャルトランスポートストリーム以外で伝送する場合を追加 9.2.2.3　ストリームフォーマット、 ・プログラムストリームなどのパーシャルトランスポートストリーム以外で伝送する場合を追加 9.2.2.4　MIME-Type ・DLNA で規定されている MIME-Type を記述する場合の参照先を追加 ・プログラムストリームなどのパーシャルトランスポートストリーム以外で伝送する場合を追加 9.2.4　コンテンツの選択制御 ・パーシャルトランスポートストリーム以外のストリームフォーマットで出力させる場合の記述を追加 付属-2　高速デジタルインタフェース ・パーシャルトランスポートストリームに加え、DLNA ガイドライン Volume 2: Media Format Profiles で定められたストリームフォーマットに関する記述を追加

（詳細は規格会７２－９の改定履歴表を参照のこと。）

地上デジタルテレビジョン放送運用規定技術資料の改定の概要
（3.7 版から 3.8 版）

現行 ARIB TR-B14 3.7 版に対する、改定の概要及び主な変更内容は以下のとおりです。

第二編　地上デジタルテレビジョン放送　受信機機能仕様書

No.	改定の概要と主な変更内容
1	改定の概要
	(1) 参照する DLNA ガイドラインのバージョン更新に伴う、IP インタフェース上で MPEG PS (Program Stream) を扱うための詳細規定の追加
2	主な変更内容
(1) 関連	7.8.4 項「IP インタフェース仕様」 ・ 参照規定に「8.3　IP インタフェース運用仕様」を追加 8.3.1 項「パケットフォーマット」 ・ 当該規定をパーシャル TS の場合に限定 8.3.3 項「チューナ記述の運用規則」 ・ DLNA ガイドラインの正式名称の明確化 8.3.3.2 項「チューナ container とチャンネル item 運用規則」 8.3.3.3 項「蓄積されたコンテンツが持つべき property」 ・ 参照規定に DLNA ガイドラインを追加 8.3.4.1 項「protocolInfo と MIME-Type」 ・ メディアフォーマットの能力交換方法の規定を修正し、パーシャル TS の場合には ARIB.OR.JP_PN に DLNA.ORG_PN の併記を許容 8.3.4.3 項「HTTP ヘッダの Content-Type ヘッダフィールド」 ・ MPEG_PS 出力の場合の規定を追加 8.3.4.4 項「コンテンツへの範囲指定を伴うアクセス」 ・ 8.3.4.1 項の規定修正に伴う規定の追加

（詳細は規格会７２－１０の改定履歴表を参照のこと。）

第四編　地上デジタルテレビジョン放送　PSI/SI 運用規定

No.	改定の概要と主な変更内容
1	改定の概要
	(1) セクションの送出順に関する補足説明を追加
2	主な変更内容
(1) 関連	第 1 部 12.7 節「周期グループ内での SI 伝送詳細」 ・ サブテーブルを構成する複数のセクションが異なる周期グループに属する場合の送出順について、補足説明を追加した。 第 1 部 12.8 節「サブテーブルの更新規則」 ・ 12.7 に図を追加したことに伴い、図の番号を変更した。

（詳細は規格会７２－１０の改定履歴表を参照のこと。）

BS/広帯域 CS デジタル放送運用規定技術資料の改定の概要

（TR-B15　4.5 版から 4.6 版）

現行 ARIB TR-B15 4.5 版に対する、改定の概要及び主な変更内容は以下のとおりです。

① DTCP-IP 関連・・・参照する DLNA ガイドラインバージョンの更新に伴う、MPEG-2_ PS のメディアフォーマットを扱うための詳細規定を追加
② 放送事業者に関連するサービス ID などを変更
③ コンテンツ保護関連・・・事前予約型ペーパービュー“Call Ahead PPV”運用の明確化

第一部　BS デジタル放送運用規定
第二部　広帯域 CS デジタル放送運用規定および BS・広帯域 CS 共用デジタル受信機機能仕様

第一部および第二部　第二編　受信機機能仕様書　（第一分冊、第四分冊）

No.	改定の概要と主な変更内容
1	改定の概要
	(1)参照する DLNA ガイドラインバージョンの更新に伴う、MPEG-2_ PS（プログラムストリーム）のメディアフォーマットを扱うための詳細規定を追加 （ DLNA Guideline V1.0 から DLNA Expanded Guideline Volume1/2/3 へ更新）
2	主な変更内容
(1) 関 連	第一部 5.8.4　IP インタフェース仕様 ・参照規定に「8.1　IP インタフェース運用仕様」を追加 8.1.1　パケットフォーマット ・当該規定をパーシャル TS の場合に限定 8.1.3　チューナ記述の運用規則 ・DLNA ガイドライン名称の明確化 8.1.3.2　チューナ container とチャンネル item 運用規則 8.1.3.3　蓄積されたコンテンツが持つべき property ・参照規定に DLNA ガイドラインを追加 8.1.4.1　protocolInfo と MIME-Type ・メディアフォーマットの能力交換方法の規定を修正し、パーシャル TS で出力する場合には、ARIB.OR.JP_PN と DLNA.ORG_PN の両方を記述することを許容 8.1.4.3　HTTP ヘッダの Content-Type ヘッダフィールド ・MPEG_PS 出力の場合の規定を追加 8.1.4.4　コンテンツへの範囲指定を伴うアクセス ・8.1.4.1 の規定修正に伴う規定の追加 ・タイムスタンプ付き TS 形式以外のコンテンツの場合の参照規定に DLNA ガイドラインを追加 第二部 8　ANNEX ・「8.1　IP インタフェース運用仕様」を追加して運用規則を明確化

（詳細は規格会７２－１１の改定履歴表を参照のこと。）

第一部および第二部　第六編　双方向通信運用規定　（第一分冊、第四分冊）

No.	改定の概要と主な変更内容
1	改定の概要
	第一部および第二部の共通事項について、第一部に集約し第二部の記述を削除
2	主な変更内容
	内容の変更はなし。編集のみ。

（詳細は規格会７２－１１の改定履歴表を参照のこと。）

第二部　第七編　送出運用規定　（第四分冊）

No.	改定の概要と主な変更内容
1	改定の概要
	(1)放送事業者に関連するサービスIDなどを変更
2	主な変更内容
(1) 関 連	第二部 表8.2.2　参考：広帯域CSデジタル放送 service_id一覧 ・service_idの追加、削除 表 8.2.4　広帯域 CS デジタル放送　ロゴ ID 一覧 ・社名変更（スカパーJSAT 株式会社）

（詳細は規格会７２－１１の改定履歴表を参照のこと。）

第一部および第二部　第八編　コンテンツ保護規定　（第三分冊、第四分冊）

No.	改定の概要と主な変更内容
1	改定の概要
	(1)事前予約型ペーパービュー“Call Ahead PPV”運用の明確化 (2) “ダビング 10”の適用に関する追加記載
2	主な変更内容
(1) 関 連	第一部 5.4.1　送出運用規定 ・表 5-3 コンテンツ保護に関する運用規定の“ペイパービュー”に注釈を追加し、Call Ahead PPV の運用が可能であることを明確に記載した。 ・“月極め等有料放送”からフラット/ティアの記載を削除し、誤解を無くすようにした。 ペイパービュー：個々の番組や番組グループについて、視聴形態に応じて料金を徴収する有料放送。 フラット　：編成チャンネルで契約し課金される方式。 ティア　：個々の番組や番組グループで契約し課金される方式。
(2) 関 連	第一部 6.6.2　音声サービスのデジタル記録 ・ダビング 10 に関して、copy_control_type に関する追加記載。

（詳細は規格会７２－１１の改定履歴表を参照のこと。）